

FEB 24 1994

Mr. Michael G. Sarli
Whitmire Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis, MO 63122

SUBJECT: Label Amendment
Whitmire PT 150 XLO Pyrethrum Contact Insecticide
EPA Registration Number: 499-378
Amended Application Dated August 23, 1993

Dear Mr. Sarli:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

To the paragraph under "IN AUTHORIZED USDA FEDERALLY INSPECTED MEAT AND POULTRY PLANTS:" add the following statement to the end of the paragraph "To prevent food product contamination, the treated area should be free of odor before the food product is placed in the area."

Three copies of the finished labeling must be submitted prior to releasing the product for shipment.

Sincerely,



Robert S. Brennis
Acting Product Manager 10
Insecticide & Rodenticide Branch
Registration Division (7505C)

8/13/93

Whitmire
PT[®] 150 XLO
Pyrethrum
Contact Insecticide

KILLS: Angoumois Grain Moths, Ants, Bed Bugs, Booklice, Carpet Beetles, Centipedes, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cluster Flies, Cockroaches, Confused Flour Beetles, Crickets, Drug Store Beetles, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, House Flies, Indian Meal Moths, Mediterranean Flour Moths, Millipedes, Mosquitoes, Mud Daubers, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Sowbugs, Spiders, Stable Flies, Ticks and Wasps.

For Use In and Around: Apartments, Campgrounds, Food Storage Areas, Homes, Hospitals, Hotels, Meat Packing and Food Processing Plants, Motels, Nursing Homes, Resorts, Restaurants and other Food Handling Establishments, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes), Utilities, Warehouses, and other Commercial and Industrial Buildings.

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.

Authorized by USDA for use in Federally inspected meat and poultry plants.

ACTIVE INGREDIENTS:

Pyrethrins	0.25%
Piperonyl Butoxide, Technical*	2.00%

INERT INGREDIENTS: 97.75%

*Equivalent to 1.6% (Butylcarbityl)(6-Propylpiperonyl) Ether and 0.4% Related Compounds

EPA Reg. No. 499-378

EPA Est. No. 499-MO-1

ACCEPTED
with COMMENTS
in EPA Letter Dated

FEB 24 1994
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this product is registered under EPA Reg. No. 499-378

KEEP OUT OF REACH OF CHILDREN
CAUTION
STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. Do not induce vomiting. Vomiting may cause aspiration pneumonia.

If inhaled: Remove patient to fresh air. Apply artificial respiration if indicated.

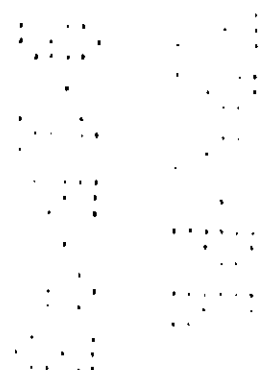
If on skin: Remove contaminated clothing and wash affected skin areas with soap and water. Get medical attention if irritation persists.

If in eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

See side panel for additional precautionary statements.

NET WEIGHT:

pat. pending



489

Whitmire
PT[®] 150 XLO
Pyrethrum
Contact Insecticide

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

HOW TO USE WHITMIRE CRACK AND CREVICE[®] INJECTION SYSTEM: Use Whitmire PT[®] 150 XLO with the supplied actuator and injection tubes or other Whitmire equipment. Inject PT[®] 150 XLO into cracks and crevices or void spaces where insects may be harboring, living and breeding. Place injector tip into cracks, crevices, holes and other small openings. Release approximately one-second of product. For light infestations move injector tip along cracks while treating at the rate of three linear feet per second. For heavy infestations move injector tip along at one linear foot per second. For closed voids calculate the void's cubic area and treat at the rate of five to ten seconds per three cubic feet. Several holes may be required in long-running voids. Repeat as necessary.

Flying Insects (Cluster Fly, Flies, Fruit Flies, Gnats, Mosquitoes, Small Flying Moths): *GENERAL VOLUMETRIC TREATMENT:* Close all windows and doors and direct fog upward at a rate of 1 to 3 seconds per 1000 cu. ft. Disperse in all locations. Keep area closed for 15 min. Open and ventilate before reoccupying. Repeat treatment as necessary.

Ants, Booklice, Centipedes, Clover Mites, Crickets, Millipedes, Roaches, Silverfish, Sowbugs, and Spiders: Inject into cracks and crevices in all hiding places behind baseboards, sinks, cabinets, meter boxes, door frames, windows. *GENERAL VOLUMETRIC TREATMENT:* Open cabinets and doors in area to be treated. Turn off air conditioners and fans and close doors and windows before treating. Apply at the rate of 20 seconds per 1000 cu. ft. of space. Disperse toward area suspected of harboring the greatest insect infestations. Disperse in all locations contacting as many insects as possible. Keep area closed for 15 minutes. Open and ventilate the treated area before reoccupying. Repeat treatment as necessary.

Bed Bugs: Take bed apart and treat cracks, joints and interior of framework. Treat mattresses and box springs; especially tufts, folds, and edges. Also treat picture frames, moldings and all cracks and crevices in the room. Do not use in hospital patient rooms.

Lice and Lice eggs: Not for Use on Humans or Animals. Treat an inconspicuous area to test for possible staining or discoloration. Inspect after drying, then treat entire area. Hold container upright with actuator opening directed away from you and apply from a distance of 18 inches. Treat at the rate of 1 second per square foot. Treat all mattresses, furniture or similar objects that cannot be laundered or dry cleaned. Do not use article until treated area is dry. Repeat treatment as necessary.

Clothes Moths and Carpet Beetles: Locate source of infestation. Treat nearby cracks and crevices and perform general volumetric treatment of infested area. To protect woollens and other keratin containing materials, brush clean, then air out. Before treating entire article, treat a small hidden area of fabric to determine if staining will occur. Treat thoroughly by holding dispenser at least 18 inches from garment. Treated articles should be put into a darkened closet or other darkened storage such as cedar chests, storage drawers, or sealable plastic fabric bags. For best protection clean and treat inside of closets or storage areas by treating one second per 10 sq. ft. before putting treated materials away. Treatment should be repeated every six months or as needed. Dry clean treated clothes before wearing.

Wasps and Bees: For treatment of these pests inside structural voids, locate all insect entrances. Close all but one opening. Determine size of void. Inject 5 to 10 seconds per three cubic feet of void into remaining opening. For best results, treat at dusk or later.

Mud Dauber and Wasp Nests: Apply mist directly on insects and their nests from approximately 18 inches. Contacted insects will fly away from fog. Applications should be made in late evening when insects are at rest. Disperse into hiding and breeding places contacting as many insects as possible.

For exposed adult and larval stages of Carpet Beetles, Cigarette Beetles, Confused Flour Beetles, Drug Store Beetles, Grain Mites, Granary Weevils, Red Flour Beetles, Rice Weevils, and Sawtoothed Grain Beetles: Contact as many insects as possible. Inject into cracks and crevices of pantries, cabinets, food processing and handling equipment and other places where insects harbor. Apply around cartons, and containers, and other areas where these insects tend to congregate. **GENERAL VOLUMETRIC TREATMENT:** Apply 20 seconds per 1000 cu. ft. of space. Repeat treatment weekly or as insects appear. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

Angoumois Grain Moth, Chocolate Moth, Indian Meal Moth, Mediterranean Flour Moth: Close all doors and windows. Direct into all parts of room, especially around stored product containers, pallets, and darkened areas. Apply 5 to 10 seconds for each 1000 cu. ft. of space. Keep area closed for 15 minutes following treatment. Open and ventilate before reoccupying. Repeat treatment weekly or as necessary. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

Fleas in buildings-GENERAL VOLUMETRIC TREATMENT: Hold product 36" above floor and direct toward floor and lower walls at a rate of 10 seconds per 100 sq. ft. making sure that all floor, sofa, and chair surfaces are contacted. Keep area closed for 15 minutes. Open and ventilate before reoccupying. Repeat treatment after 7 days or as necessary.

687

Ticks: Holding container 36" above the floor, direct PT[®] 150 XLC toward pet beds and resting quarters. Treat adjacent cracks and crevices such as behind baseboards and edges of carpet and floor covers. Treat higher cracks such as upper door jams and window framing, behind pictures and other areas where females may crawl to lay eggs. Repeat treatment as necessary.

VOLUMETRIC TREATMENT FOR VOID AREAS: (Attics, false ceilings, crawl spaces, wall and equipment voids.) For application with Whitmire Crack & Crevice[®] actuator, injection tubes or other Whitmire equipment.

For exposed stages of ants, beetles, centipedes, cockroaches, crickets, millipedes, silverfish, sowbugs and spiders harboring in large voids, calculate void volume and treat at a rate of 10 seconds per 1000 cu. ft. Repeat treatment as necessary.

OUTDOOR GROUND APPLICATION: Flies, Gnats and Mosquitoes in open areas near buildings and in campgrounds. Best results are obtained when wind speed is five (5) MPH or less. Apply at a rate of 1.5 to 2 seconds per thousand square feet. Apply in wide swaths across area to be treated. Allow treatment to penetrate dense foliage. Repeat treatment as necessary.

Product should only be used when can temperature is above 60°F. If can temperature is below 60°F, store at room temperature until a temperature above 60°F is reached.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Store in a cool area away from heat or open flame.

Pesticide Disposal: Waste resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Replace cap and discard empty container in trash, sanitary landfill, or by other approved state and local procedures. Do not puncture or incinerate.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through skin. Do not remain in treated area and ventilate the area after treatment is completed. Avoid breathing of vapor. Avoid contact with skin, eyes, or clothing. Wash thoroughly after using and before smoking or eating. Do not contaminate water, food, or foodstuffs. Remove all pets and birds. Cover fish tanks or remove before treating.

In hospitals: Patients should be removed from room prior to treatment. Room should be ventilated for two hours after spraying. Do not return patients to room until after ventilation.

FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS: Foods should be removed or covered during general volumetric treatment. After general volumetric treatment, all food processing surfaces and equipment should be thoroughly washed with an effective cleaning compound followed by a potable water rinse before using. Careful crack and crevice application for inspection purposes is permissible at all times.

IN AUTHORIZED USDA FEDERALLY INSPECTED MEAT AND POULTRY PLANTS: When using this product, apply only when processing area is not in operation. Foods should be removed or covered during treatment. After a general volumetric treatment, all food processing surfaces and equipment should be thoroughly washed with an effective cleaning compound followed by a potable water rinse before using.

NOTICE TO APPLICATOR: During any extended general volumetric treatment, wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute of Occupational Safety and Health under the provisions of 30 CFR Part 11.

ENVIRONMENTAL HAZARDS: This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS: Extremely Flammable. Contents under pressure. Keep away from heat, sparks, and open flame. Do not use this product in electrical equipment (where there is exposed wiring or contact points) due to possibility of short circuits and shock hazard. Do not puncture or incinerate container. Exposure to temperatures above 130 F may cause bursting. Do not spray on plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc.

LIMITATION OF LIABILITY

Manufacturer warrants that this product conforms to the chemical description on the label. Buyer assumes all risks of use in handling which are at variance in any way with the directions on the label. MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. DAMAGES CAUSED BY THIS PRODUCT ARE LIMITED TO REPLACEMENT OF THE PRODUCT OR RETURN OF THE PURCHASE PRICE.

A Prescription Treatment® brand insecticide from:

Whitmire Research Laboratories, Inc.
3568 Tree Court Ind. Blvd.
St. Louis, Missouri 63122

Copyright, 1993